

Spill Summary Report for NRC Report #1208832

[PDF](#)
Report Date: 9/14/2022

Report Time: 4:07 PM EDT

Region II Hotline Log Entry Information

Data ID: 2334016	NRC #: 1208832	State #: 1800148	ERNS #:
Date Of Report: 4/9/2018			
Material Type: Oil		Receiver: Poudyal	
Material / Amount:	OIL, MISC: MINERAL (860 GALLON(S));		
Location:	Street: City: MANHATTAN County: NEW YORK (MANHATTAN) State: NY Latitude: Longitude:		
Source of Pollution:	CONSOLIDATED EDISON COMPANY OF NEW YORK		
Water Body:			
State Or EPA Responded:	State Responded		
Initial EPA Action:	Contacted Responsible party and State		
Status:	2 - Closed		
URL:			

Associated Action Reports

DataID: 1146867

Date: 4/9/2018	Time: 14:14	
Duty Officer/Responder Name: Poudyal	NRC Report #: 1208832	Hotline Log DataID: 2334016

Action Information

Description: As of 14:15, Apr 09, 2018

Con edison is investigating into the location of the feeder leak. They are currently drilling a test pit on 118th street and Broadway as they suspect that is the location of the leak. Con edison will conduct further works and will update to the NYDEC

As of 14:08 Aril 12, 2017

Below is the updated information REOC Staff Narayan Poudyal received from the NYDEC. This is an email that Narayan Poudyal received from NYDEC staff, Rick Lin which is copy and pasted below.

From: Lin, Rick H (DEC) [mailto:Rick.Lin@dec.ny.gov]
 Sent: Thursday, April 12, 2018 2:08 PM
 To: Poudyal, Narayan
 Cc: Touw, Steve
 Subject: FW: Dielectric Fluid Leak Committee Conference Call, 345kV Feeder M51, April 12, 2018 @ 07:00 (Leak Watch)

Hello Narayan,

Please see below for the latest updates we have from con edison. They are still searching for the location of the leak. DEC is keeping an eye out on this case. We will let you know if there are any new developments.

Rick
 From: Zhune, Veronica S (DEC)
 Sent: Thursday, April 12, 2018 2:01 PM
 To: Lin, Rick H (DEC)
 Subject: FW: Dielectric Fluid Leak Committee Conference Call, 345kV Feeder M51, April 12, 2018 @ 07:00 (Leak Watch)

From: EH&S-DESK [mailto:EH&S-DESK@coned.com]
 Sent: Thursday, April 12, 2018 8:37 AM
 To: dl - Leak Committee Call Minutes
 Cc: Zhune, Veronica S (DEC)
 Subject: Dielectric Fluid Leak Committee Conference Call, 345kV Feeder M51, April 12, 2018 @ 07:00 (Leak Watch)

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

FEEDER STATION STATION LENGTH (ft) FLUID IN FEEDER (gals)
 M51 Sprainbrook West 49th Street 92,597 389,000

Dielectric Fluid Leak Committee conference call, April 12, 2018 @ 07:00

- The leak rate is estimated at 8 gallons per hour with an estimated loss of 1,360 gallons of dielectric fluid.
- Ken's Marine has been deployed to patrol the Harlem River between the Broadway Bridge and the Alexander Hamilton Bridge.
- One PFT Van will continue to focus the search on Broadway between La Salle Street and West 116th Street, where PFT has been detected on previous runs.
- One PFT Van will deploy to the West 49th Street Substation to sample Feeder M51 and M52 for PFT concentration.
- Crews will check the flow meters at the stop joint in Manhole 63639.
- The Chemlab will run the PCB and Oil ID samples taken from the soil at the pipe enhancement project excavation on the Harlem River Drive

Safety Message:

- Crews need to be alert for pedestrian and vehicular traffic.
- Crews should continue to look out for one another.

- Crews are reminded to properly hydrate as temperatures approach 60 degrees today.
- PFT Vans should be aware of increased pedestrian and bicycle traffic.

The next Leak Committee Conference call will be on April 12, 2018 at 14:00.

Dielectric Fluid Leak Committee conference call, April 11, 2018 @ 20:00

- More bar holes were installed on Broadway between 116th Street and 117th Street and samples were taken, nothing significant found.
- The ChemLab will be testing the samples from subway vents and soil in medians.
- The run on Harlem River Drive did not have repeatable indications.
- The PFT van will slow patrol the feeder on Broadway and LaSalle to 116th Street.
- The other van will complete inspection of McLean Avenue PURS and then go back to Manhattan to assist the stop and sit.
- Emergency Management put in a request to the MTA to walk the subway tracks between 110th Street and 125th Street.
- A drop-check is scheduled for tomorrow morning when they close the stop joint and D-rate the feeder.
- EMIS 265969 has been created for this incident.

Safety Message:

- The use of the proper PPE for any and all job tasks.
- Ensure proper work area protection with plenty of lighting.
- Follow the 2-minute rule.
- Make sure the lights on the PFT van are working.
- Have the attenuator truck following the PFT van when patrolling the Harlem River Drive.

The next Leak Committee Conference call will be on April 12, 2018 at 07:00

Dielectric Fluid Leak Committee conference call, April 11, 2018 @ 14:00

- The leak rate is estimated to be at 8 gallons per hour with an estimated loss of 1,230 gallons of dielectric fluid.
- More bar holes were installed on Broadway between 116th Street and 117th Street and samples were taken.
- The ChemLab will be testing the samples from the extended bar holes that were added on LaSalle towards Tiemann Place.
- Since the run on Harlem River Drive did not have repeatable indications, the PFT van will rerun that portion of the feeder.
- The PFT van will then patrol the Bronx/Westchester portion after Harlem River Drive.
- Emergency Management put in a request to the MTA to walk the subway tracks between 110th Street and 125th Street.
- EMIS 265969 has been created for this incident.

Safety Message:

- The use of the proper PPE for any and all job tasks.
- Ensure proper work area protection.
- Utilize the defensive driving techniques.
- Be mindful of cyclists and pedestrians.

The next Leak Committee Conference call will be on April 11, 2018 at 20:00

Dielectric Fluid Leak Committee conference call, April 11, 2018 @ 07:00

- The leak rate is estimated to be at 10 gallons per hour with an estimated loss of 1,190 gallons of dielectric fluid.
- The ChemLab requested bar holes 5' away from the exiting bar holes to clear steel protection plates on Broadway between 116th Street and 117th Street.
- ChemLab will resample the bar holes on LaSalle Street and requested bar holes be extended toward Tiemann Place.
- The PFT van will patrol a portion of the feeder on the Harlem River Drive.
- EMIS 265969 has been created for this incident.

Safety Message:

- The use of the proper PPE for any and all job tasks.
- Ensure proper work area protection.
- Utilize the defensive driving techniques.

The next Leak Committee Conference call will be on April 11, 2018 at 14:00

Dielectric Fluid Leak Committee conference call, April 10, 2018 @ 20:00

- The leak rate is estimated to be at 7 gallons per hour with an estimated loss of 1,108 gallons of dielectric fluid.
- ChemLab has analyzed 40 bag samples on Broadway between 117th Street, 116th Street and at LaSalle Street.
- ChemLab will re-analyze bar holes 24 and 28. Also, will recheck bar hole "I" at Broadway and 116th Street. Pending on what is found, the ChemLab will request a test pit at that location.
- The contractor will be on location in the morning
- EMIS 265969 has been created for this incident.

Safety Message:

- Ensure proper lighting to support leak activity at both locations.
- The use of the proper PPE for any and all job tasks.
- Apply the Two Minute Rule
- Ensure proper work area protection.

- Make sure the PFT van lights work.

The next Leak Committee Conference call will be on April 11, 2018 at 07:00

Dielectric Fluid Leak Committee conference call, April 10, 2018 @ 14:00

- The leak rate is estimated to be 8 gallons per hour with an estimated loss of 1,065 gallons of dielectric fluid.
- ChemLab is presently analyzing additional bag samples on Broadway between 117th St. and 116th St. and at LaSalle St.
- A request will be made of the MTA to walk the subway tracks on Broadway between W120th St and W 114th St.
- A drop check of the pressurization line was conducted at Sprainbrook Substation and was inconclusive.
- S&TO will prepare for a D-Rate of the feeder for Thursday to narrow the leak search.
- EMIS 265969 has been created for this incident.

Safety Message:

- Ensure the use of the proper PPE for any and all job tasks.
- Conduct self-check and peer-check before commencing with any work.
- Be mindful of pedestrians in crosswalks and cyclists.

The next Leak Committee Conference call will be on April 10, 2018 at 20:00

Dielectric Fluid Leak Committee conference call, April 10, 2018 @ 07:00

- The leak rate is estimated to be 8 gallons per hour with an estimated loss of 1,025 gallons of dielectric fluid.
- Based on no further indications requiring additional excavation the Leak Committee undeclared the leak and returned to a Leak Watch at 07:11.
- One PFT van will resample bar holes at Broadway and LaSalle Street.
- The other PFT van will resample bar holes on Broadway between 117th St. and 116th St.
- Transmission Operations crews will check subsurface structures on Broadway between 117th St. and 116th St.
- A request will be made of the MTA to walk the subway tracks on Broadway between W120th St and W 114th St.
- A drop check of the pressurization line will be conducted at Sprainbrook Substation.
- EMIS 265969 has been created for this incident.

Safety Message:

- Ensure the use of the proper PPE for any and all job tasks.
- The wet conditions today require a heightened situational awareness of slips trips and falls.
- Conduct self-check and peer-check before commencing with any work.
- The wet conditions today require the use of defensive driving techniques.
- Be mindful of pedestrians in crosswalks.

The next Leak Committee Conference call will be on April 10, 2018 at 14:00

Dielectric Fluid Leak Committee conference call, April 9, 2018 @ 20:00

- The leak rate is estimated to be 8 gallons per hour with an estimated loss of 922 gallons of dielectric fluid.
- The one PFT van is finishing up patrolling the Bronx/Westchester side with no indications thus far. They will investigate the McLean Avenue PURS before heading back to patrol the Manhattan side of the feeder.
- ChemLab sampled 25 bar holes from 117th Street to 116th Street on Broadway with no significant indications.
- Ambient PFT is still significant in the area of 117th Street and 116th Street.
- The 2nd PFT van will remain on 116th Street and 117th Street to perform a stop and sit to determine where the additional bar holes need to be added that are off the plated section of the feeder. Contractor will install the bar holes first thing in the morning.
- MTA still needs to inspect the subway tunnel.
- System Operations will determine whether to D-rate the feeder and take the PURS offline.
- Planning will be done to perform drop check on pressurization lines at Sprain Brook.
- EMIS 265969 has been created for this incident.

Safety Message:

- Be mindful of work area protection and lighting.
- Make sure there is adequate lighting to perform job functions safely.
- Practice 2 minute rule.
- Take micro breaks.

The next Leak Committee Conference call will be on April 10, 2018 at 07:00

Dielectric Fluid Leak Committee conference call, April 9, 2018 @ 14:00

- The leak rate is estimated to be 8 gallons per hour with an estimated loss of 893 gallons of dielectric fluid.
- Crews completed a 16' trench and found the pipe and coating to be in good condition on 118th Street and Broadway.
- Samples were taken from the end walls of the excavation.
- ChemLab will continue to run the feeder in Bronx/Westchester and then move down to the Manhattan portion if nothing needs to be investigated.
- MTA will be contacted to check the subway tunnel that runs under the feeder between 120th Street and 114th Street.
- EMIS 265969 has been created for this incident.

Safety Message:

- Utilize the HPI tools.
- Use situational awareness and proper PPE for all tasks on the job.
- Be mindful of work area protection with respect to pedestrians and traffic.
- Conduct self-check and peer-check before commencing with any work.

The next Leak Committee Conference call will be on April 9, 2018 at 20:00

Dielectric Fluid Leak Committee conference call, April 9, 2018 @ 07:00

- The leak rate is estimated to be 8.5 gallons per hour with an estimated loss of 860 gallons of dielectric fluid.
- The Leak Watch was changed to a Leak Declared at 05:18 when indication of PFT was found at bar hole #1 at 118th St & Broadway.
- ChemLab performed a feeder run in Bronx/Westchester with no indication of PFT.
- ChemLab requested a test pit to be dug over bar hole #1 at the intersection of 118th St & Broadway.
- 2nd PFT van will resample the Manhattan run of the feeder.
- EMIS 265969 has been created for this incident.

Safety Message:

- Utilize the HPI tools.
- Use situational awareness and proper PPE for all tasks on the job.
- Be mindful of work area protection with respect to pedestrians and traffic.
- Conduct self-check and peer-check before commencing with any work.

The next Leak Committee Conference call will be on April 9, 2018 at 14:00

Dielectric Fluid Leak Committee conference call, April 8, 2018 @ 20:00

- The leak rate is estimated to be 7.5 gallons per hour with an estimated loss of 750 gallons of dielectric fluid.
- Contractor installing 17 additional bar holes between 116th Street and 117th Street on Broadway.
- ChemLab going to resample all of the bar holes from 116th Street to 118th Street.
- Transmission Operation crews will re-inspect the subsurface structures in the area.
- PFT van will complete the Manhattan run of the feeder then will continue on patrolling the Bronx/Westchester side.
- EMIS 265969 has been created for this incident.

Safety Message:

- Make sure there is adequate lighting to perform job functions safely.
- Make sure attenuator truck is being used when patrolling on the Harlem River Drive
- Drivers should be following the safe driver campaign initiatives.

The next Leak Committee Conference call will be on April 9, 2018 at 07:00

Dielectric Fluid Leak Committee conference call, April 8, 2018 @ 14:00

- The leak rate is estimated to be 7.5 gallons per hour with an estimated loss of 750 gallons of dielectric fluid.
- The PFT van completed a full run in Manhattan of the feeder with no new findings.
- ChemLab sampled 5 new bar holes heading north on Broadway between 118th Street and 119th Street.
- PFT van will analyze these samples and others taken from previous bar holes at Broadway and 118th Street.
- ChemLab will sample subsurface structures in the vicinity of Broadway and 118th Street.
- ChemLab will do plasticizing of subsurface structures; and stop and sits.
- The contractor will be made available for excavating or bar holes throughout the rest of the day.
- EMIS 265969 has been created for this incident.

Safety Message:

- Utilize the 3 way HPI tools to help insure everyone understands how to proceed safely before beginning any work.
- Use situational awareness and proper PPE for all tasks on the job.

The next Leak Committee Conference call will be on April 8, 2018 at 20:00

Dielectric Fluid Leak Committee conference call, April 8, 2018 @ 08:00

- The leak rate is estimated to be 7.5 gallons per hour with an estimated loss of 658 gallons of dielectric fluid.
- The PFT van completed a full run on the Bronx side of the feeder with no significant indications.
- ChemLab sampled bar holes heading south on Broadway between 117th Street and 116th Street with no indications of PFT.
- PFT van found significant increases of PFT in the air at Broadway and 118th Street..
- ChemLab is requesting additional bar holes north of 118th Street to 119th Street.
- The 2nd PFT van will patrol the Manhattan portion of the feeder throughout the day.
- EMIS 265969 has been created for this incident.

Safety Message:

- Maintain increased situational awareness while performing all tasks.
- Work safety and due to long hours on the job and fatigue; take breaks.
- Also, work safely and make sure no one is left in the dark about what's going on.

The next Leak Committee Conference call will be on April 8, 2018 at 14:00

Dielectric Fluid Leak Committee conference call, April 7, 2018 @ 20:00

- The leak rate is estimated to be 6 gallons per hour with an estimated loss of 485 gallons of dielectric fluid.
- The PFT van completed a full run on the Manhattan portion of the feeder with no significant indications.
- ChemLab requested an additional 5 bar holes heading south on Broadway between 117th Street and 116th Street.
- The 2nd PFT van will patrol the Bronx/Westchester portion of the feeder on the overnight.
- EMIS 265969 has been created for this incident.

Safety Message:

- Make sure all proper PPE is being worn.
- Make sure proper work area protection is in place before any work begins.
- Make sure there is adequate lighting to perform job functions safely.

The next Leak Committee Conference call will be on April 8, 2018 at 08:00

Dielectric Fluid Leak Committee conference call, April 7, 2018 @ 14:00

- The leak rate is estimated to be 6 gallons per hour with an estimated loss of 430 gallons of dielectric fluid.
- ChemLab sampled 11 new bar holes south on Broadway and 118th Street.
- The PFT van found no indications from these bar holes.
- The PFT van will remain on location to investigate the indications of 500,000 counts in the air.
- Contractors are ready if additional bar holes are to be installed at this location.
- The second PFT van will continue to patrol the feeder with an attenuator at the Harlem River Drive and complete the patrol in Manhattan.
- EMIS 265969 has been created for this incident.

Safety Message:

- Utilize the HPI tools.
- Use situational awareness and all proper PPE for all tasks on the job.
- Be mindful of work area protection with respect to pedestrians and traffic.
- Self-check and peer-check before commencing with any work.

The next Leak Committee Conference call will be on April 7, 2018 at 20:00

Dielectric Fluid Leak Committee conference call, April 7, 2018 @ 08:00

- The leak rate is estimated to be 7 gallons per hour with an estimated loss of 400 gallons of dielectric fluid.
- ChemLab re-tested all 18 bar holes at Broadway and LaSalle Street and an additional 10 bar holes north of bar hole 18 with no significant indications.
- ChemLab requested bar holes at Broadway and 118th Street where the PFT van found indications of 500,000 counts.
- Mark-outs will be made; permits will be requested for work and bar holes are to be installed at this location.
- The second PFT van had patrolled the feeder at the Harlem River Drive and completed the Bronx/Westchester run of the feeder and nothing was found.
- EMIS 265969 has been created for this incident.

Safety Message:

- Utilize the HPI tools.
- Use situational awareness and all proper PPE for all tasks on the job.
- Drivers should be following the safe driver campaign initiatives.

The next Leak Committee Conference call will be on April 7, 2018 at 14:00

Dielectric Fluid Leak Committee conference call, April 6, 2018 @ 20:00

- The leak rate is estimated to be 5 gallons per hour with an estimated loss of 300 gallons of dielectric fluid.
- ChemLab tested all 18 bar holes at Broadway and LaSalle Street and an additional 10 bar holes north of bar hole 18 with no significant indications.
- ChemLab requested 10 additional bar holes going south from bar hole #1 which one PFT van will sample on the overnight.
- The second PFT van had indications on 97th Street and West End Avenue and will revisit this area on the overnight and run the feeder.
- EMIS 265969 has been created for this incident.

Safety Message:

- Utilize the HPI tools.
- Drivers should be following the safe driver campaign initiatives.
- Be aware of the weather change throughout the night and changing road conditions.

The next Leak Committee Conference call will be on April 7, 2018 at 08:00

Dielectric Fluid Leak Committee conference call, April 6, 2018 @ 14:00

- USI Leak Detection Systems estimate leak rate is currently at 5 gallons per hour (GPH) with an estimated loss of 280 gallons of dielectric fluid.
- One PFT Van will continue to monitor the PFT Indications in the vicinity of the roll-up gates on the Harlem River Drive.
- The other PFT van will sample the 17 bar holes in the area at Broadway and LaSalle Street.
- The ChemLab may request for additional bar holes at this location.
- Contractor to stay at this location until 20:00, then come back in the morning.
- Over the weekend, one PFT van will run for 24 hours per day and one van will run 12 hour days.
- EMIS 265969 has been created for this incident.

Safety Message:

- Use proper PPE while performing all tasks including traffic vests and hearing protection.
- Proper area protection near bar holing activities.
- Use defensive driving techniques when operating the PFT Van.
- The passenger of the PFT Van should assist the driver in maneuvering the vehicle when possible.
- Use the attenuator truck when driving the PFT Van at a slow rate on the Harlem River Drive.

The next Leak Committee Conference call will be on April 6, 2018 at 20:00

Dielectric Fluid Leak Committee conference call, April 6, 2018 @ 07:00

- USI Leak Detection Systems estimate leak rate is currently at 5 Gallons per Hour (GPH) with an estimated loss of 250 Gallons of dielectric fluid.
- One PFT Van patrolled the Bronx/Westchester portion of the feeder and found no significant indications of PFT.
- The other van found PFT indications in the air in the vicinity of the roll-up gates on the Harlem River Drive by the PFT Van.
- Also, indications were discovered in the vicinity of Broadway and LaSalle Street.
- One PFT Van will continue to monitor the PFT Indications in the vicinity of the roll-up gates on the Harlem River Drive.
- The other PFT van will investigate the area at Broadway and LaSalle Street.
- Mark-outs and bar holes will be installed at Broadway and LaSalle Street
- Contractor to set up at this location.
- EMIS 265969 has been created for this incident.

Safety Message:

- Use proper PPE while performing all tasks including traffic vests and hearing protection.
- Proper area protection near bar holing activities.
- Use defensive driving techniques when operating the PFT Van.
- The passenger of the PFT Van should assist the driver in maneuvering the vehicle when possible.
- Use the attenuator truck when driving the PFT Van at a slow rate on the Harlem River Drive.

The next Leak Committee Conference call will be on April 6, 2018 at 14:00

Dielectric Fluid Leak Committee conference call, April 5, 2018 @ 20:00

- USI Leak Detection Systems estimate leak rate is currently at 2 Gallons per Hour (GPH) with an estimated loss of 198 Gallons of dielectric fluid.
- All PURS, substations and pump houses were inspected and no oil was found.
- Transmission Operations completed inspections of all Manholes and no oil was found.
- PFT indications in the air were discovered at several locations along the run by the PFT Van. The ChemLab will send out an email to the leak committee with the locations and readings.
- Ken's Marine completed 6 passes of the river crossing and did not see any signs of oil.
- Two PFT Vans will continue to investigate the PFT Indications on the overnight shift.
- Leak Detection system information will be updated on the next call.
- EMIS 265969 has been created for this incident.